

STATE OF CALIFORNIA
GOODWIN J. KNIGHT, Governor
DEPARTMENT OF NATURAL RESOURCES
DeWITT NELSON, Director

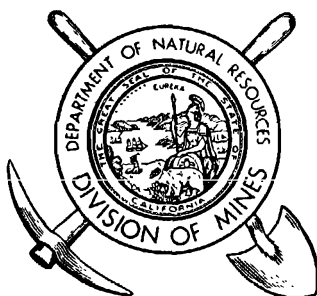
DIVISION OF MINES
FERRY BUILDING, SAN FRANCISCO 11
OLAF P. JENKINS, Chief

Vol. 51

JANUARY 1955

No. 1

**CALIFORNIA JOURNAL
OF
MINES AND GEOLOGY**



Price \$1.00